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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	027430.101-US01
	First Inventor	Takatoshi Miyahara
	Title	METHOD OF AND DETECTING APARATUS AND DETECTING CHIP FOR SINGLE BASE SUBSTITUTION SNP AND POINT MUTATION OF GENES
	Express Mail Label No.	

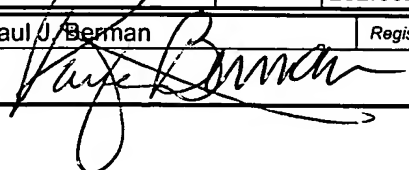
<b>APPLICATION ELEMENTS</b>  See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages <b>30</b> ] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>4</b> ] 5. Oath or Declaration [Total Sheets <b>3</b> ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies <b>ACCOMPANYING APPLICATIONS PARTS</b> 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/807,005  
 Prior application information: Examiner Jeffrey Siew Art Unit: 1656

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		26853		or <input type="checkbox"/> Correspondence address below	
Name	COVINGTON & BURLING				
Address	1201 Pennsylvania Avenue, NW				
City	Washington	State	D.C.	Zip Code	20004-2401
Country	USA	Telephone	202.662.6000	Fax	202.662.6291
Name (Print/Type)	Paul J. Berman		Registration No. (Attorney/Agent)		36,744
Signature			Date	July 23, 2003	

17410 U.S. PTO  
10/624567  
07/23/03

13281 U.S. PTO  
07/23/03

FEE TRANSMITTAL for FY 2003				Complete if Known	
Effective 01/01/2003, Patent fees are subject to annual revision.				Application Number	Continuation of 09/807,005
				Filing Date	July 23, 2003
				First Named Inventor	Takatoshi Miyahara
				Examiner Name	Not Yet Assigned
				Art Unit	N/A
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				Attorney Docket No.	027430.101-US01
TOTAL AMOUNT OF PAYMENT		(\$)		1,122.00	

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)			
<input checked="" type="checkbox"/>	Check	<input type="checkbox"/>	Credit Card	<input type="checkbox"/>	Money Order	<input type="checkbox"/>	Other
<input type="checkbox"/> Deposit Account Deposit Account Number: <span style="border: 1px solid black; padding: 2px 20px;">50-0740</span> Deposit Account Name: <span style="border: 1px solid black; padding: 2px 20px;">Covington &amp; Burling</span>							
The Director is hereby authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.							

FEE CALCULATION			
1. BASIC FILING FEE			
Large Entity	Small Entity		
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$)
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			
Total Claims	36	-20** =	16
Independent Claims	4	-3** =	1
		Extra Claims	Fee from below
		x	x
		18.00	= 288.00
		84.00	= 84.00
		Multiple Dependent	=
Large Entity	Small Entity		
Fee Code (\$)	Fee Code (\$)	Fee Description	
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$)
**or number previously paid, if greater; For Reissues, see above			

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Paul J. Berman	Registration No. (Attorney/Agent)	36,744	Telephone	(202) 662-6000
Signature				Date	July 23, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Takatoshi Miyahara, et al.

Application No.: **Continuation of 09/807,005**

Group Art Unit: N/A

Filed: July 23, 2003

Examiner: Not Yet Assigned

For: METHOD OF AND DETECTING APARATUS  
AND DETECTING CHIP FOR SINGLE BASE  
SUBSTITUTION SNP AND POINT  
MUTATION OF GENES

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**TRANSMITTAL LETTER**

**MS Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

1. Fee Transmittal;
2. Utility Patent Application Transmittal;
3. Application Data Sheet;
4. Utility application comprising: 20 pages of description; nine pages of claims (1-36); a one page summary of the invention; and four sheets of drawings (Figs. 1-3, 4(a), 4(b), and 4(c));
5. Copy of the Combined Declaration and Power of Attorney for Patent Application filed in prior Appl. No. 09/807,005;

6. Preliminary Amendment;
7. Information Disclosure Statement;
8. Form PTO/SB/08a/b;
9. Check No. 315486 for \$1,122.00 to cover:  
\$750.00 basic filing fee;  
\$372.00 additional claims fee; and
10. Two return receipt postcards.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0740, under Docket No. 027430.101-US01. A duplicate copy of this paper is enclosed.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 50-0740.

Dated: July 23, 2003

Respectfully submitted,

By 

Paul J. Berman

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Attorney for Applicant